

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/034662

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/78 H01L21/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	WO 03/060972 A (SEKISUI CHEMICAL CO., LTD; DISCO CORPORATION; FUKUOKA, MASATERU; OYAMA) 24 July 2003 (2003-07-24) abstract	1-8
P,X, Y	-& US 2004/185639 A1 (FUKUOKA MASATERU ET AL) 23 September 2004 (2004-09-23) the whole document	1-8
X,Y	WO 03/085714 A (SEKISUI CHEMICAL CO., LTD; DISCO CORPORATION; FUKUOKA, MASATERU; HATAI) 16 October 2003 (2003-10-16) abstract	1-8
E	-& US 2004/259332 A1 (FUKUOKA MASATERU ET AL) 23 December 2004 (2004-12-23) the whole document	1-8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

30/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05, 14 September 2000 (2000-09-14) & JP 2000 040677 A (NIPPON TELEGR & TELEPH CORP & NTT), 8 February 2000 (2000-02-08) abstract</p> <p>-----</p>	1-8

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/034662

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03060972	A	24-07-2003	JP 2003209070 A	25-07-2003
			JP 2003209072 A	25-07-2003
			JP 2003209083 A	25-07-2003
			EP 1467402 A1	13-10-2004
			WO 03060972 A1	24-07-2003
			US 2004185639 A1	23-09-2004
US 2004185639	A1	23-09-2004	JP 2003209070 A	25-07-2003
			JP 2003209072 A	25-07-2003
			JP 2003209083 A	25-07-2003
			EP 1467402 A1	13-10-2004
			WO 03060972 A1	24-07-2003
WO 03085714	A	16-10-2003	AU 2003236002 A1	20-10-2003
			EP 1494272 A1	05-01-2005
			WO 03085714 A1	16-10-2003
			US 2004259332 A1	23-12-2004
US 2004259332	A1	23-12-2004	AU 2003236002 A1	20-10-2003
			EP 1494272 A1	05-01-2005
			WO 03085714 A1	16-10-2003
JP 2000040677	A	08-02-2000	NONE	